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DECLARATION OF OWNERSHIP PURSUANT TO 37 CFR § 2.20

1. I, John J. Burke, hereby declare that I am an Associate General Counsel for UBS PaineWebber Inc. ("UBS PaineWebber").

2. UBS PaineWebber was formed pursuant to a merger agreement between UBS AG ("UBS") and Paine Webber Group Inc. PaineWebber Incorporated ("PaineWebber") was a wholly owned subsidiary of Paine Webber Group Inc. UBS PaineWebber filed a Certificate of Amendment of Certificate of Incorporation, which is attached hereto, on March 5, 2001, with the Delaware Secretary of State to reflect the corporate name change.

3. UBS PaineWebber, a Delaware corporation with offices at 1200 Harbor Blvd. Weehawken, New Jersey 07087, has acquired all right, title and interest in and to all assets and liabilities of PaineWebber, including all patents, trademarks and other intellectual property of PaineWebber. A list of patent applications currently filed with the U.S. Patent Office is attached hereto as Exhibit A.

4. The undersigned being warned that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements and the like may jeopardize the validity of the application or document or any registration resulting therefrom, declares that all statements made of his/her own knowledge are true; and all statements made on information and belief are believed to be true.

Dated: September 6, 2001



John J. Burke, Esq.
Associate General Counsel



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

OCTOBER 13, 2000

PTAS

RIKER, DANZIG, SCHERER, HYLAND ET AL
LESLIE GLADSTONE RESTAINO
HEADQUARTERS PLAZA, ONE SPEEDWELL AVENUE
MORRISTOWN, NJ 07962



101443152A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/17/2000

REEL/FRAME: 011020/0468
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
NARATIL, THOMAS C.

DOC DATE: 07/10/2000

ASSIGNEE:
PAINWEBBER INCORPORATED
1200 HARBOR BLVD.
WEEHAWKEN, NEW JERSEY 07087

SERIAL NUMBER: 09617853
PATENT NUMBER:

FILING DATE: 07/17/2000
ISSUE DATE:

MARY BENTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

08-28-2000



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

FORM PTO-1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

REC

101443152
PATENTS ONLY

7:17:00

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying parties:

Thomas C. Naratil

Additional name(s) & party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: July 10, 2000

2. Name and address of receiving party(ies):

Name: PaineWebber Incorporated

Internal Address:

Street Address: 1200 Harbor Blvd.

City: Weehawken State: NJ Zip: 07087

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

09/617853

If this document is being filed together with a new application, the execution date of the application is: July 17, 2000

A. Patent Application No.(s) Filing date

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Leslie Gladstone Restaino

Internal Address:

Riker, Danzig, Scherer, Hyland & Perretti LLP

Street Address:

Headquarters Plaza

One Speedwell Avenue

City: Morristown State: NJ Zip: 07962

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41)\$ \$40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

50-0444

DO NOT USE THIS SPACE

08/28/2000 MTHAIL 00000080 500444 09617853

01 FC:581 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Leslie Gladstone Restaino

Name of Person Signing

Leslie Gladstone Restaino

Signature

07/17/2000

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

Assignment before issue of Letters Patent

File No. 4034-22

WHEREAS, I, Thomas C. Naratil, a resident of Warren, County of Warren, State of New Jersey (hereinafter "Assignor") have invented certain new and useful improvements in

SYSTEM FOR TRADING FIXED INCOME FINANCIAL INSTRUMENTS: U.S. TREASURY SECURITIES, LIQUID AGENCIES AND ZERO COUPON STRIPS

(hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor on the day(s) and date(s) of these presents.

AND WHEREAS, PAINEWEBBER INCORPORATED, a corporation organized and existing under the laws of the State of California, U.S.A., having a place of business at 1200 Harbor Boulevard, Weehawken, New Jersey, U.S.A., hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATENT that may be granted therefor.

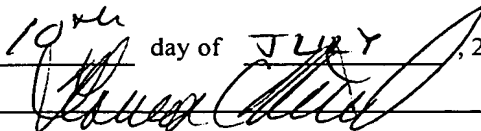
NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said U.S. LETTERS PATENT, when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this

10th day of JULY, 2000

Thomas C. Naratil



IN TESTIMONY WHEREOF, I have hereunto set my hand this

_____ day of _____, 20____

IN TESTIMONY WHEREOF, I have hereunto set my hand this

_____ day of _____, 20____

STATE OF NEW JERSEY)
COUNTY OF HUDSON) ss.:

On this 10th day of July, 20 00 before me personally appeared
Thomas C. Naratil

to me known and known to me to be the individual _____ described in and who executed the foregoing instrument,
and _____ he _____ acknowledged to me that _____ he _____ executed the same.

[SEAL]

Clara L. Navarrete

CLARA L. NAVARRETE
A Notary Public of New Jersey
My Commission Expires June 15, 2004

My commission expires:

STATE OF _____)
COUNTY OF _____) ss.:

On this _____ day of _____, 20 _____ before me personally appeared

to me known and known to me to be the individual _____ described in and who executed the foregoing instrument,
and _____ he _____ acknowledged to me that _____ he _____ executed the same.

[SEAL]

Notary Public

My commission expires:

STATE OF _____)
COUNTY OF _____) ss.:

On this _____ day of _____, 20 _____ before me personally appeared

to me known and known to me to be the individual _____ described in and who executed the foregoing instrument,
and _____ he _____ acknowledged to me that _____ he _____ executed the same.

[SEAL]

Notary Public

My commission expires:

Assignment

Thomas C. Naratil

TO
PAINWEBBER
INCORPORATED

INVENTION:

SYSTEM FOR TRADING FIXED
INCOME FINANCIAL
INSTRUMENTS: U.S. TREASURY
SECURITIES, LIQUID AGENCIES
AND ZERO COUPON STRIPS

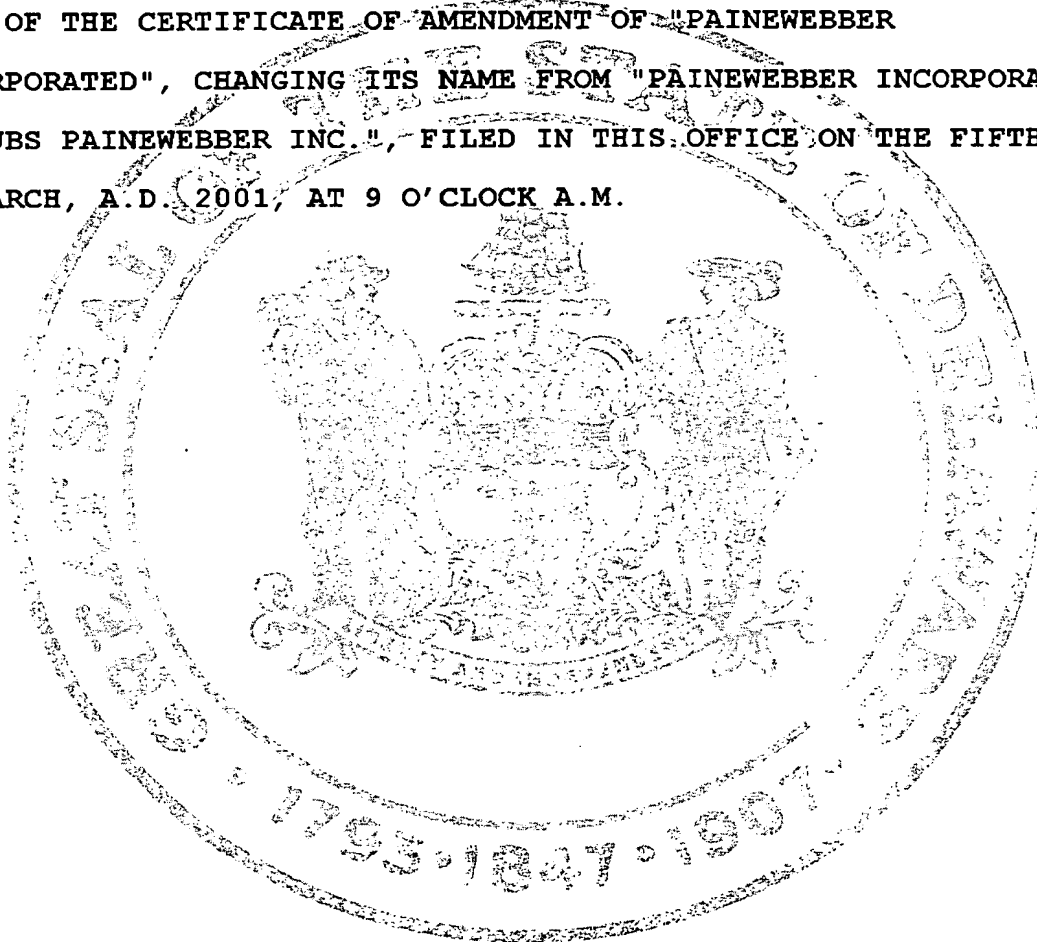
File: 4034-22

PaineWebber Incorporated
1200 Harbor Boulevard
Weehawken, NJ 07087

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "PAINWEBBER INCORPORATED", CHANGING ITS NAME FROM "PAINWEBBER INCORPORATED" TO "UBS PAINWEBBER INC.", FILED IN THIS OFFICE ON THE FIFTH DAY OF MARCH, A.D. 2001, AT 9 O'CLOCK A.M.



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 1245744

DATE: 07-16-01

0719006 8100

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CERTIFICATE OF AMENDMENT OF CERTIFICATE OF INCORPORATION
OF
PAINWEBBER INCORPORATED

It is hereby certified that:

1. The name of the corporation (hereinafter called the "corporation") is PaineWebber Incorporated.
2. The certificate of incorporation of the corporation is hereby amended by striking out Article I thereof and by substituting in lieu of said Article I the following new Article I:

ARTICLE I

NAME

The name of the corporation is:

UBS PaineWebber Inc.

3. The amendment of the certificate of incorporation herein certified has been duly adopted and written consent has been given in accordance with the provisions of Sections 141, 228 and 242 of the General Corporation Law of the State of Delaware.

Signed on *march 5, 2001*

By: *Geraldine L. Banyai*
Geraldine L. Banyai, Corporate Vice President

Attest:

Richard P. Borovoy
Richard P. Borovoy, Assistant Secretary

UBS PAINEWEBBER INC.

Incumbency Certificate

I, Richard P. Borovoy, Assistant Secretary of UBS PaineWebber Inc., a Delaware corporation (the "Company"), DO HEREBY CERTIFY as follows:

The below-named person has been duly elected, has duly qualified and at all subsequent times to and including the date hereof, has been an officer of the Company, holding the office set opposite his name, and the signature below set opposite his name is his genuine signature or true facsimile thereof:

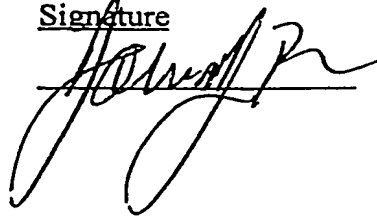
Name

Office

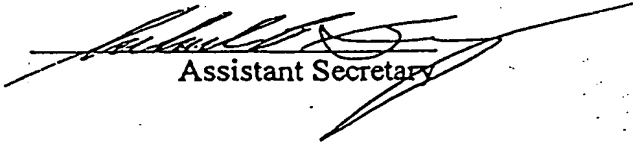
Signature

John J. Burke

Corporate Vice President



IN WITNESS WHEREOF I have hereunto set my hand and affixed the seal of the Corporation this 19th day of March, 2001.



Assistant Secretary